Issued Date	11/14/2022	Doc. #	390-R0
Issued By	LD	Issued Rev	0

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00024A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2.00	1.50	4	1750	145T	230/460	60	3	6.0/3.0
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	86.5	B	L	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	2.00	1.50	3.0	86.5	84.8
¾ Load	1.50	1.10	2.4	86.0	67.5
½ Load	1.00	0.70	2.0	83.4	55.2
¼ Load	0.50	0.40	1.2	79.8	48.1
No Load			1.6		7.9
Locked Rotor			24.0		68.4

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
6.00	255.0	225.0	390.0	0.13

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
35 / 15	-	6305ZZC3	6305ZZC3	62

*Bearings are the only recommended spare part(s).

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00024A2TBR
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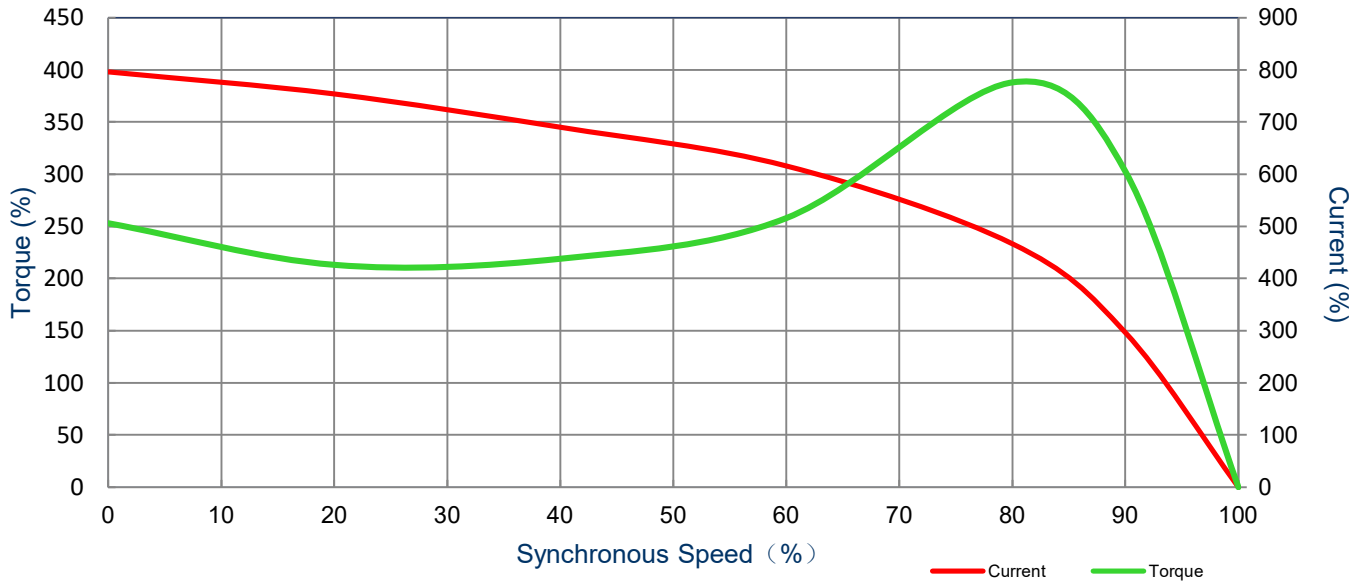
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00024A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2.00	1.50	4	1750	145T	230/460	60	3	6.0/3.0
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	86.5	B	L	40 C

Locked Rotor Amps	Rotor Inertia (lb-ft2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
24.0	0.13	6	255.0	225.0	390.0



All characteristics are average expected values.

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Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00024A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2.00	1.50	4	1430	145T	190/380	50	3	6.8/3.4
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	82.5	-	H	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	2.00	1.50	3.3	82.4	81.3
¾ Load	1.50	1.10	2.7	83.9	74.9
½ Load	1.00	0.70	2.1	82.8	63.0
¼ Load	0.50	0.40	1.8	74.6	41
No Load			1.6		8
Locked Rotor			20.3		74.7

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
7.35	225.0	195.0	235.0	0.13

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		DE	NDE	(lbs)
35 / 15	-	6305ZZC3	6305ZZC3	62

*Bearings are the only recommended spare part(s).

Included Accessories:

All characteristics are average expected values.

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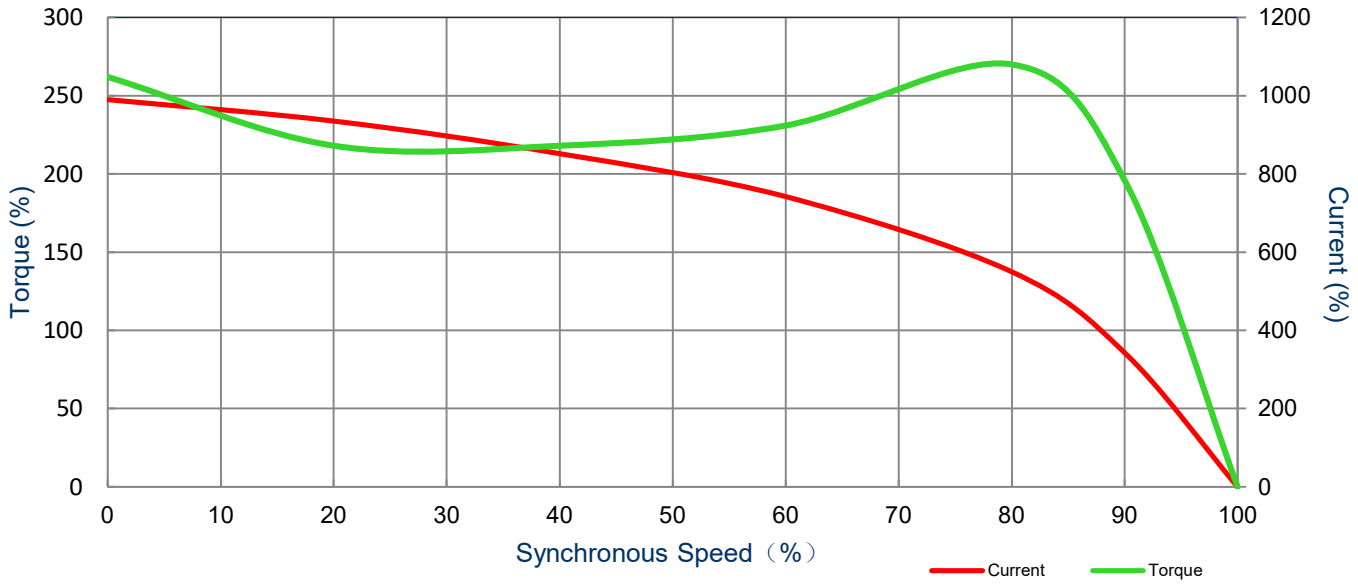
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00024A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2.00	1.5	4	1430	145T	190/380	50	3	6.8/3.4
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	82.5	-	H	40 C

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
20.3	0.13	7.35	225.0	195.0	235.0



All characteristics are average expected values.

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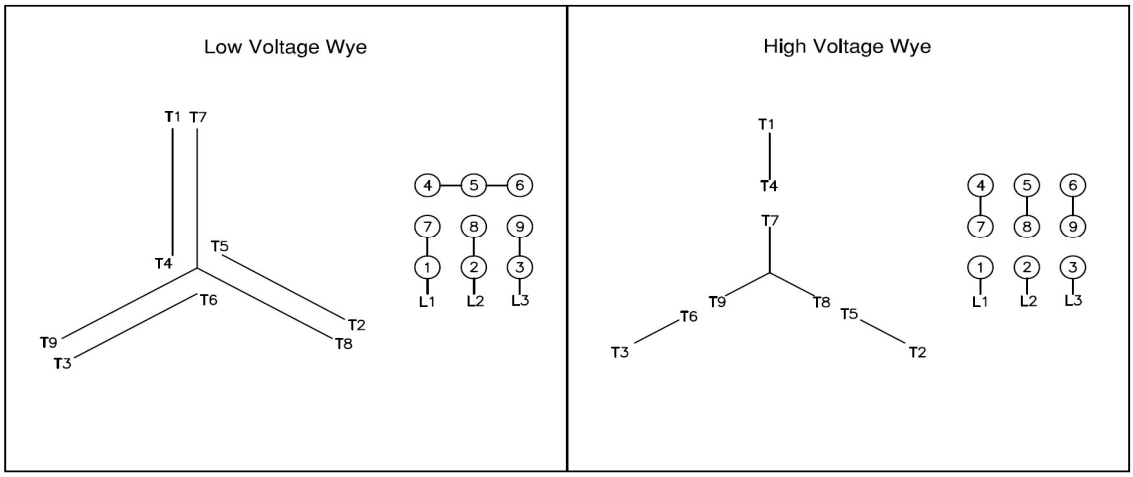
Motor Connection Diagram

Model: MNET00024A2TBR **Serie:** NEMA Elite

9 Leads Connection Diagram



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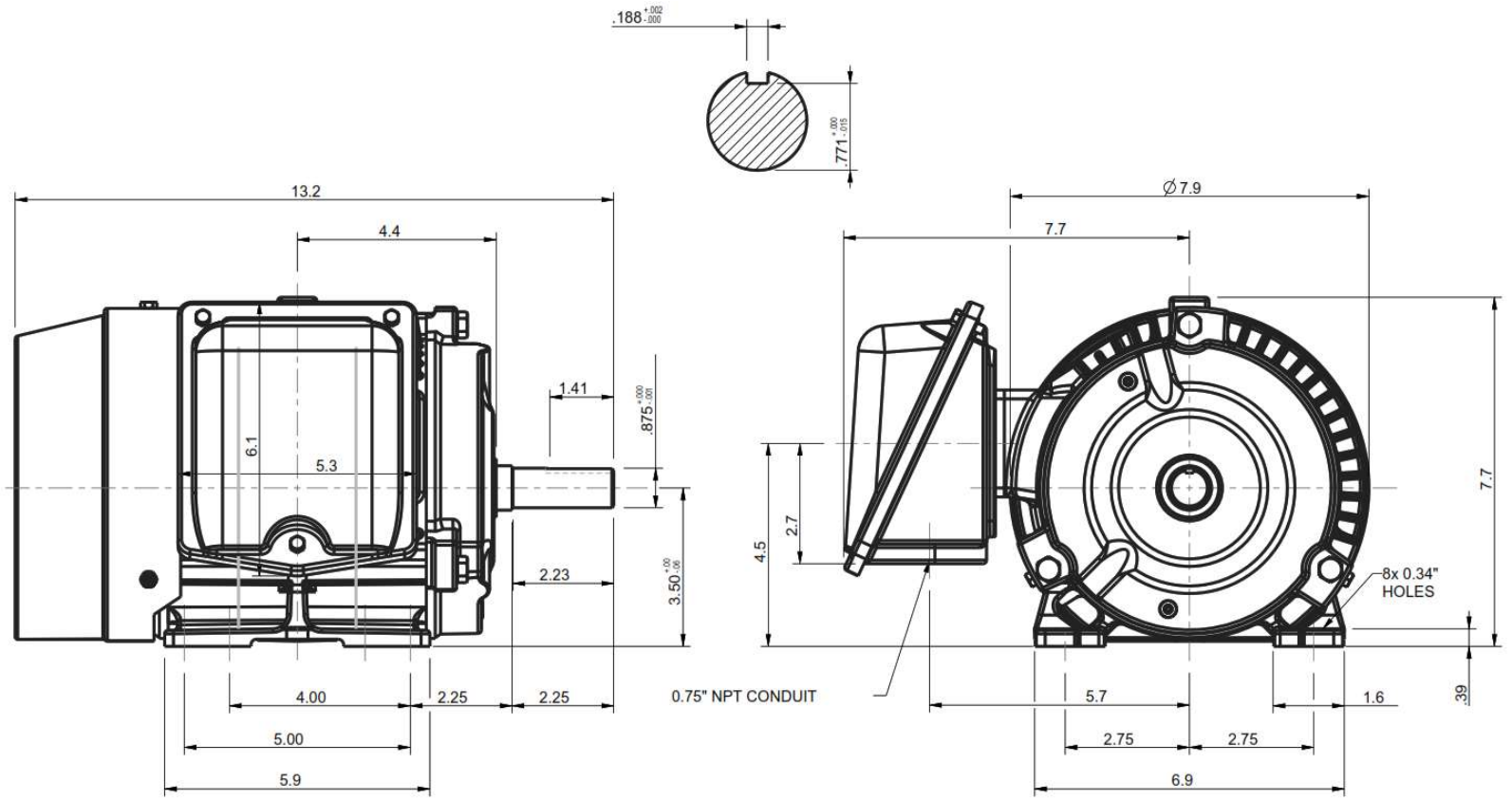

Units: inches		PROPRIETARY INFORMATION	Notes:
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CCW	CW		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION
			AVAILABLE ONLY BY CONNECTION CHANGE.
X			

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TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR					
		Drawing #:	MNET00024A2TBR		
		Rev. Date:	11/14/2022	Rev. #:	0
		Standard:	NEMA	Mount.:	F1
Frame	145T	Per.:	LD		